Refrigerator
user manual

English

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SAMSUNG

Code No. DA99-01623D REV(0.1)

Safety Information

SAFETY INFORMATION

Before using your new Samsung French Door Refrigerator, please read this manual thoroughly to ensure that you know how to safely and efficiently operate the features and functions that your new appliance offers.

Because the following instruction covers various models, the characteristics of your Refrigerator may differ slightly from the Refrigerator described in this manual.What the icons and signs in this user manual mean :

WARNING	Hazards or unsafe practices that may result in **severe personal injury or death**.
CAUTION	Hazards or unsafe practices that may result in **minor personal injury or property damage**.
CAUTION	To reduce the risk of fire, explosion, electric shock, or personal injury when using your refrigerator, follow these basic safety precautions:

	Do NOT attempt.
	Do NOT disassemble.
	Do NOT touch.
	Follow directions explicitly.
	Unplug the power plug from the wall socket.
	Make sure the machine is grounded to prevent electric shock.
	Call the service center for help.

These warning signs are here to prevent injury to you and others.

Please follow them explicitly

Keep this manual in a safe place for future reference.

SEVERE WARNING SIGNS

Do not plug several appliances into the same power receptacle.

- Large appliances draw a lot of power. Powering more than one appliance or machine from a single power source could cause overheating and cause a fire.

Make sure that the power plug is not kinked or damaged by the back of the Refrigerator.

- A damaged power plug may overheat and cause a fire.

Safety Information

Do not spray water directly into or on the outside of the Refrigerator/Freezer drawer.

- Water could get into the interior machine parts and cause electric shock.

Do not use aerosols near the Refrigerator.

- Aerosols used near the Refrigerator may cause an explosion or fire.

Do not put undue stress on the power cord or place heavy articles on it.

- Placing heavy articles on the power cord create the risk of explosion or fire.

Do not insert the power plug with wet hands.

- It may cause electric shock.

Do not put a container filled with water on the Refrigerator.

Do not install the Refrigerator in a damp place or water closed places.

- Wet and/or deteriorated insulation of the internal electrical parts may cause electric shock or fire.

Do not store volatile or flammable substances in the Refrigerator.

- Storing benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.

Do not disassemble or repair the Refrigerator by yourself.

- You run the risk of fire, appliance malfunctions and/or personal injury. Call your nearest call center for help from a qualified service technician.

Unplug the Refrigerator before changing the interior light.

- Changing the light while the Refrigerator is plugged in may cause electric shock.

If you wish to dispose of the Refrigerator, remove the doors and seals before throwing it away.

- The doors(and their seals) can entrap a child if they climb into the Refrigerator. Make sure that the doors are off, and ensure that no one is suffocated by being locked inside.

The Refrigerator must be safely grounded

- Always make sure that you have grounded the Refrigerator before attempting to investigate or repair any part of the appliance. Power leakages can cause severe electric shock.

Never use gas pipes, telephone lines or other potential lightning attractors as an electrical ground.

- Improper use of the grounding plug can result in a risk of electric shock.

Safety Information

CAUTION SIGNS

Use good judgement when filling the Refrigerator with food and drinks.

- In an overfull Refrigerator, heavy, fragile, bulky or breakable items may fall out and cause personal injury and/or damage to surrounding objects.

Do not put bottles or glass containers in the Freezer drawer.

- When the contents freeze and then expand, the glass may break and cause personal injury or leave dangerous glass shards in the Freezer.

If the electrical wall socket is loose, do not inset the power plug.

- There is a risk of electric shock or fire. Have the plug looked at by a licensed electrician.

Never unplug your Refrigerator by pulling on the power cord.

- Always grip the power cord firmly and pull straight out from the outlet. Yanking or pulling on the power cord may cause a short-circuit, fire and/or electric shock.
- A damaged power cord must be replaced by the manufacturer, a certified service agent or qualified service personnel.

Do not store articles on the top of the appliance.

- When you open or close the door, the articles may fall and cause personal injury and /or damage to surrounding objects.

Do not store pharmaceutical products, scientific materials and temperaturesensitive products in the refrigerator.

- Products that require exact temperature controls should not be stored in the Refrigerator.

CAUTION

- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not let children hang on the door. If not a serious injury may occur.
- Do not sit on the freezer door. The door may break.
- Do not allow children to climb into the freezer basket.

If you notice a chemical or burning plastic smell or see smoke, unplug the Refrigerator immediately and contact your Samsung Electronics Call Center.

After your Refrigerator is in operation, do not touch the cold surfaces in the Freezer compartment. Particularly when hands are damp or wet, skin may adhere to these extremely cold surfaces.

- Skin may stick to the surface and you may get frostbite.

Do not put your hands under the appliance.

- Any sharp edges may cause perso nal injury.

Safety Information

Never put fingers or other objects into the water dispenser hole or ice chute.

- It may cause personal injury and/or material damage.

If the Refrigerator will not be used for a long period of time (for example, over several months), unplug the power from the wall socket.

- Over time, deterioration in the power cord insulation may cause fire.

Do not use a wet or damp cloth when cleaning the plug.

Remove any dust or foreign matter from the power plug pins.

- A Dirty power plug can increase the risk of fire.

If the Refrigerator is disconnected from the power supply, you should wait for at least five minutes before plugging it back in.

Do not place the equipment directly in sunlight.

The appliance must be positioned for easy access to power source.

If the power cord is damaged, it must be replaced by the manufacturer, a certified service agent or qualified service personnel.

If you have a long vacation planned, empty the Refrigerator and turn it off.

- Wipe excess moisture from the inside and leave the doors open to keep odor and mold from developing.

Service Warranty and Modification

- Any changes or modifications performed by a 3rd party on this finished appliance is not covered under Samsung warranty service, nor can Samsung be responsible for safety issues that result from 3rd party modifications.

CAUTION

Children can get trapped inside Refrigerators.

Before you throw away your old Refrigerator or Freezer, make sure that you;

- Take off the doors.
- Leave all shelves in places so that children may not easily climb inside and shut the door while they are inside.

Do not block air holes

- If the air holes are blocked, especially with plastic bag, refrigerator can be over cooled. If this cooling period lasts long, water filter will be broken and cause water leakage.

Safety Information

ADDITIONAL TIPS FOR PROPER USAGE

a) Allow the appliance to stand for 2hours after installation.
b) To get Best performance of product,
   1) Do not place foods too closely in front of the vents at the rear of the appliance as it can obstruct free air circulation in the freezer compartment.
   2) Wrap the food up properly or place it in airtight containers before put it into the fridge freezer
   3) Do not put any newly introduced food for freezing near to already frozen food.
c) Do not place carbonated or fizzy drinks in the freezer compartment
d) Please observe maximum storage times and expiry dates of frozen goods.
e) There is no need to disconnect the refrigerator from the power supply if you will be away for less than three weeks. But, Remove all the food if you are going away for the three weeks or more. Unplug the refrigerator and clean it, rinse and dry
f) Most power failures that are corrected in an hour or two will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off. But should the power failure last more than 24hours, remove all frozen food.
g) If the key is provided with refrigerator, the keys should be kept out of the reach of children and not in the vicinity of the appliance.
h) The appliance might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the lower end of the range of temperatures for which the refrigerator was designed to operate in.
i) Do not store food which goes bad easily at low temperature, such as bananas, melons.
j) Your appliance is frost free, which means there is no need to manually defrost your appliance, as this will be carried out automatically.
k) Any increase in temperature of frozen food during defrosting can shorten its storage life.
l) Defrost cycle may be changed according to the number of door opening times and ambienttemperature.

WARNING SIGNS FOR DISPOSAL

Cyclopentane used as a insulation blowing gas. The gases in the insulation material require special disposal procedures. Please contact your local authorities in regard to the enviromentally safe disposal of this product. Ensure that the piping at the rear of the product is not damaged. The gas in the system must not be released to the atmosphere.

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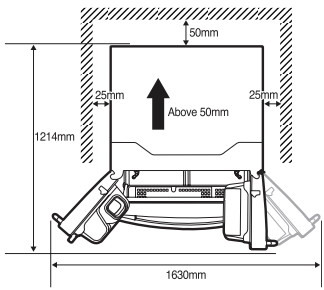
Setting up your French Door Refrigerator

GETTING READY TO INSTALL THE REFRIGERATOR

Congratulations on your purchase of the Samsung French Door Refrigerator. We hope you enjoy the state-of-art features and efficiencies that this new appliance offers.

Selecting the best location for the Refrigerator

- A Location with easy access to the water supply.
- A Location without direct exposure to sunlight.
- A Location with level (or nearly level) flooring.
- A Location with enough space for the Refrigerator doors to open easily.
- Allow sufficient space to the right, left, back and top for air circulation.
  If the Refrigerator does not have enough space, the internal cooling system may not work properly.
- Please ensure that appliance can be moved freely in the event of maintenance & service.



- Allow clearance to the right, left, back and top when installing. This will help reduce power consumption and keep your energy bills lower.
- Do not install the Refrigerator where the temperature will go below 10 ºC(50 ºF).

When moving your refrigerator

To prevent floor damage be sure the front levelling legs are in ther up position (above the floor). Refer to 'Levelling the refrigerator' in the manual (at page 11).

To protect the finish of the flooring, place the protection sheet such as packing carton under the refrigerator.

CAUTION When installing, servicing or cleaning behind the refrigerator, be sure to pull the unit straight out and push back in straight after finishing.

REMOVING THE REFRIGERATOR DOORS

If the Refrigerator is too large to pass through your doorway easily, you can remove the refrigerator doors.

REMOVING THE REFRIGERATOR DOORS

Philips head screwdriver

Wrench(10mm)

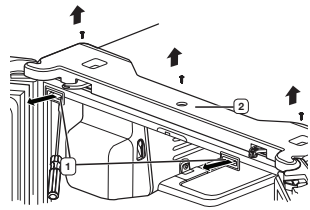
Flat head screwdriver

Pliers

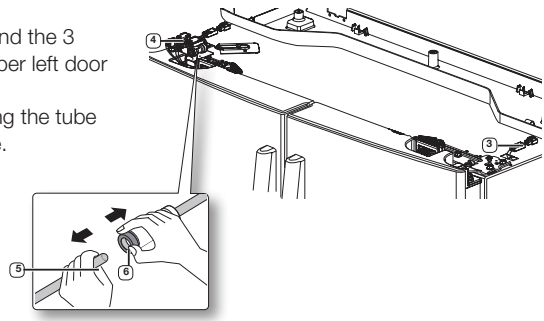
Allen wrench(4mm)

DISASSEMBLE THE REFRIGERATOR DOORS

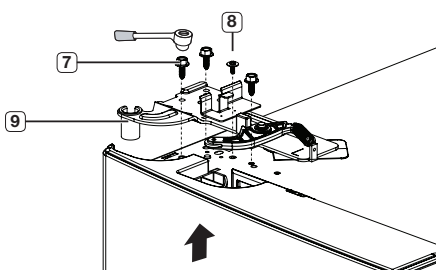
1. With the door opened, remove the Top Table cap (1) with a Flat head screwdriver, and close the door. Remove the 3 screws holding down the Top Table and remove the Top Table(2).



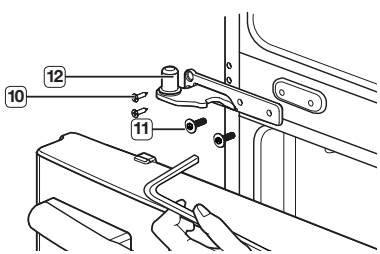
2. Disconnect the electrical connector (3) above the upper right door hinge and the 3 electrical connectors (4) above the upper left door hinge.
   Disconnect the water tube (5) by pulling the tube fitting (6) apart as shown in the picture.



3. Remove the 3 hex head bolts(7) found attached to the upper left and right door hinges with a Wrench(10mm).
   With a Philips head screwdriver, remove the ground screw(8) found attached to the upper left and right door hinges. Remove the upper left and right door hinges(9).
4. Lift the door straight up to remove.



5. With a Philips head screwdriver, remove the 2 screws (10) attached to the lower left and right door hinges.
   With a Allen wrench(4mm), remove the 2 hex head bolts (11) attached to the lower left and right door hinges.
   Remove the lower left and right door hinges(12).



• Be careful not to missplace the hinge cap because it can be easily taken off.

Setting up your French Door Refrigerator

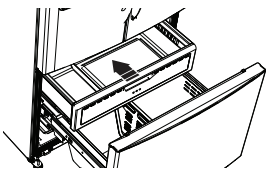
REMOVING THE REFRIGERATOR DOORS

- To reattach the Refrigerator doors, assemble parts in reverse order.

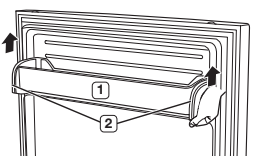
CAUTION Be careful not to missplace the parts of refrigerator.

DISASSEMBLE THE FREEZER DRAWER

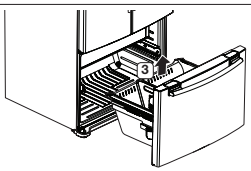
1. Push the upper drawer until it reaches to the cabinet rear wall.



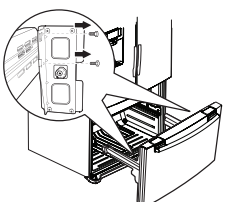
2. Remove the tilting pocket(1) by pulling on both brackets(2) upward at the same time.



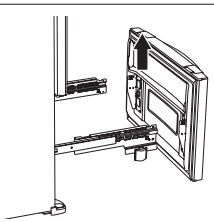
3. Take out the lower basket (3) by lifting the basket up from rail system.



4. Remove four 10mm hex-head bolts from both sides.

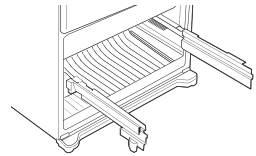


5. Lift the freezer door up from the rails.

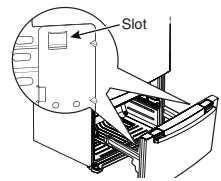


ASSEMBLE THE FREEZER DRAWER

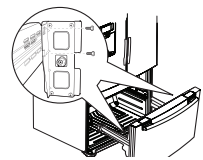
1. Pull out the rails to the full length on each side of the cabinet evenly.



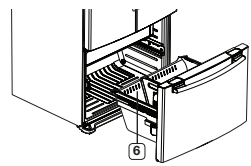
2. Hang the freezer door front onto open slots on the sides.



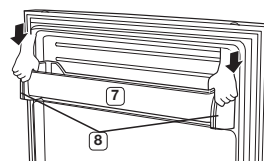
3. Tighten four 10mm hex-head screws completely.



4. With the drawer pulled out fully, insert the lower basket (6) into the rail system.



5. Hook the ends of the tilting pocket (7) into both brackets (8), and push down until they lock into place.



CAUTION Be careful not to missplace the parts of refrigerator.

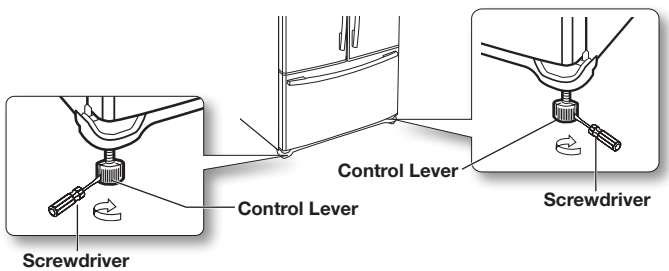
ADJUSTING THE DOORS

Now that the doors are back on the Refrigerator, you want to make sure the Refrigerator is level so that you can make final adjustments. If the Refrigerator is not level, it will not be possible to get the doors perfectly even.

Setting up your French Door Refrigerator

When the left door is lower than the Right door.

Insert a flat-blade screwdriver into a slot on the left control lever, turn it clockwise or ounterclockwise to level the left door.



When the left door is higher than the Right door.

Insert a flat-blade screwdriver into a slot on the right control lever, turn it clockwise or counterclockwise to level the right door.

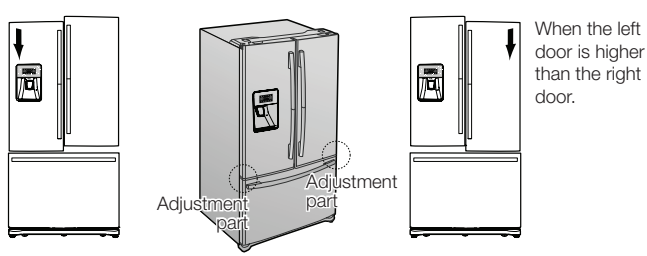
We do not recommend making small adjustments with the control lever. Instead, refer to the next page for the best way to make minor adjustments to the doors.

MAKING MINOR ADJUSTMENTS BETWEEN DOORS

Remember a level Refrigerator is necessary for getting the doors perfectly even.

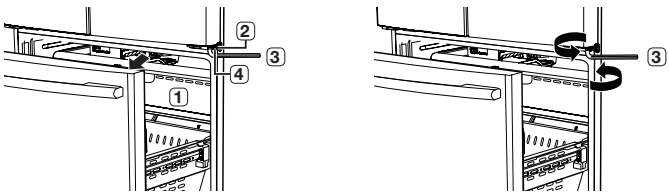
If you need help, review the previous section on leveling the Refrigerator.

When the left door is lower than the right door.



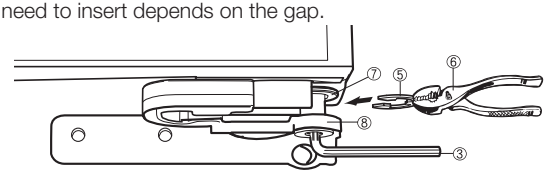
When the left door is higher than the right door.

1. If you open the drawer (1), you can see the lower hinge (2).
2. Insert the supplied hex wrench (3) into the shaft (4) of the lower hinge.
3. Please adjust the height turning the hex wrench (3) clockwise( ) or counter-clockwise ( ).



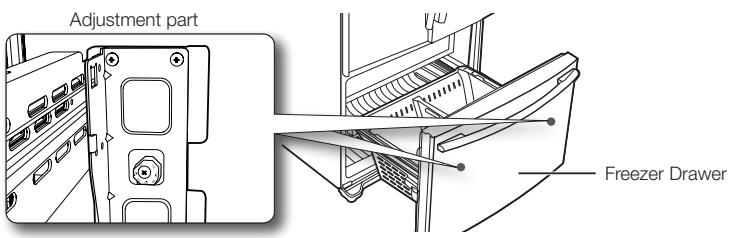
When you turn the hex wrench counter-clockwise( ), the door will move up.

4. After adjusting the doors, please insert the supplied fastener-ring (5) using a pair of pliers (6) in the gap between the hinge-grommet (7) and the lower hinge(8). The number of fastener-rings you'll need to insert depends on the gap.

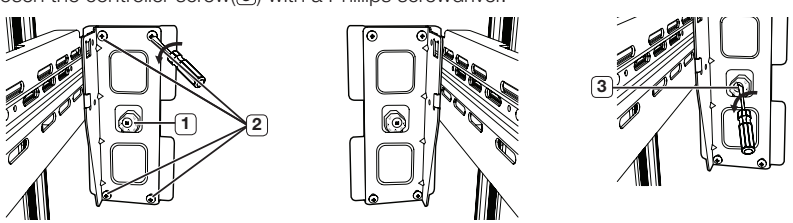


Two fastener-rings are enclosed with the refrigerator.
The thickness of each fastener-ring is 1mm(0.04 inch).

ADJUSTING THE FREEZER DRAWER LEVEL

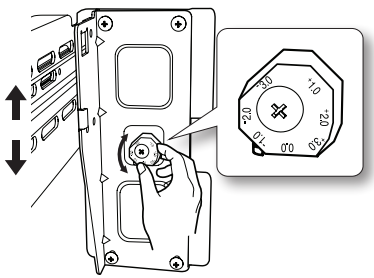


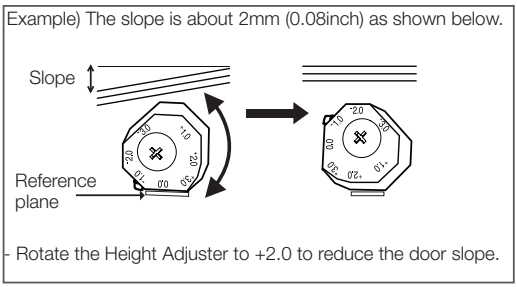
1. Locate the height-adjuster (1) in the freezer drawer.
   Unscrew the four Phillips screws (2) slightly to loosen the door.
2. Loosen the controller screw(3) with a Phillips screwdriver.



Setting up your French Door Refrigerator

3. Find the best level to align the door slope.




Example) The slope is about 2mm (0.08inch) as shown below.
Slope
Reference plane
- Rotate the Height Adjuster to +2.0 to reduce the door slope.

➞ After adjustment, tighten the screws ((2)&(3)) in reverse order.

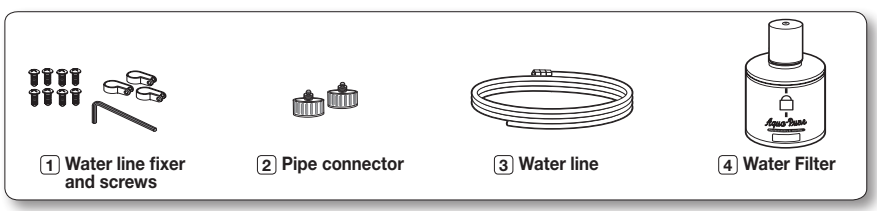
CHECKING THE WATER DISPENSER LINE

A water dispenser is one of the helpful features on your new Samsung Refrigerator. To help promote better health, the Samsung water filter removes unwanted particles from your water. However, it does not sterilize or destroy microorganisms. You may need to purchase a water purifying system to do that.
In order for the ice maker to operate properly, a water pressure of138~862 Kpa is required.
Under normal conditions, a 170 cc (5.75 oz.) paper cup can be filled in 10 seconds.
If the Refrigerator is installed in an area with low water pressure (below 138Kpa), you can install a booster pump to compensate for the low pressure.
Make sure the water storage tank inside the Refrigerator is properly filled. To do this, press the water dispenser lever until the water runs from the water outlet.

Water line installation kits are include with unit. You can find it in freezer drawer.

INSTALLING THE WATER DISPENSER LINE

Parts for water line Installation

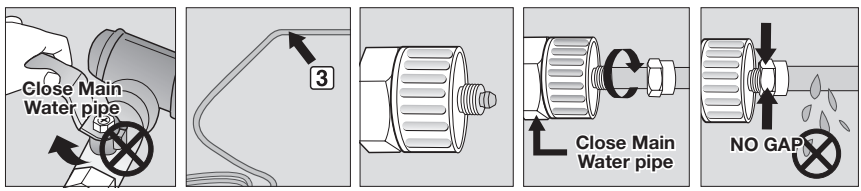


Connecting to the water supply line

1. First, shut off the main water supply line.
2. Locate the nearest cold, drinking water line.
3. Follow the Water line Installation Instructions in the installation kit.

CAUTION

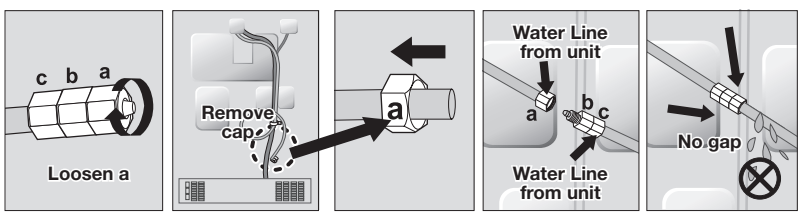
The water line must be connected to the cold water pipe. If it is connected to the hot water pipe, it may cause the purifier to malfunction.



4. After connecting the water supply to the water filter, turn your main water supply back on and dispense about 3L to clear and prime the water filter.

Connecting the water line to the refrigerator

1. Remove the cap from water line on the unit and insert compression nut to the water line on the unit after disassembling from provided water line.
2. Connect both water line from the unit and water line in the kit.
3. Tighten the compression nut onto the compression fitting. There should be no gaps between (A, B & C)
4. Turn water on and check for any leakage.

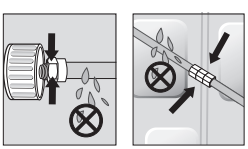


Only connect the water line to a drinkable water source.
If you have to repair or disassemble the water line, cut off 6.5mm of the plastic tubing to make sure you get a snug, leak-free connection.

CAUTION

Before being used, the leakage in these places should be examined

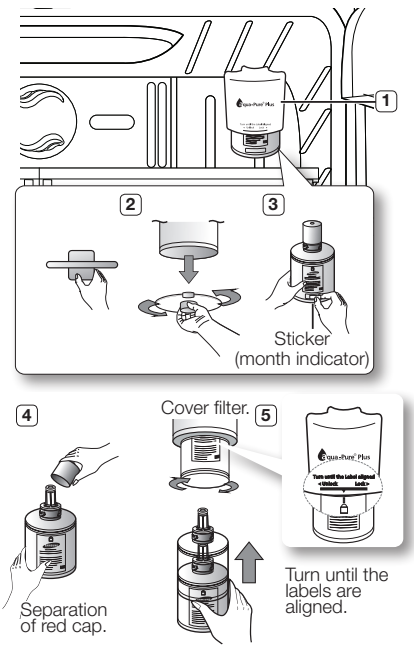
- Samsung Warranty does not cover WATER LINE INSTALLATION.
- It will be done at customer's charge unless the retail price includes installation cost.
- Please contact Plumber or Authorized Installer for the installation if needed.
- If Water leakage occurs due to improper installation, Please contact installer.



Setting up your French Door Refrigerator

Installing the water filter

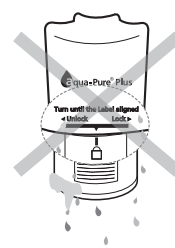
1. Remove the water filter cover(1)
2. Remove the fixed cap by turning it counter clockwise. Keep the cap in a safe place for later use if you don't use a filter.
3. Remove the water filter from the box and put a replacement indicator sticker on the filter as shown. Place a sticker on the filter that dates six months in the future. For example, if you install the water filter in March, put the "SEP" sticker on the filter to remind you to replace in September. That way you'll know when it is time to replace the filter. Normally, a filter life is about 6 months.
4. Remove the filter cap and insert the filter into the filter housing.
5. Slowly turn the water filter 90º clockwise to align with the printing mark on the cover, locking the filter in position. Make sure to align the water filter label mark with center of cover filter printing as illustrated. Remember, do not over-tighten.



You should remove the right side upper glass shelf before installing water filters.

Removing any residual matter inside the water supply line after installing the water filter.

1. Turn ON the main water supply.
2. Run water through the dispenser until the water runs clear 3L. This will clean the water supply system and remove air from the lines.
3. Additional flushing may be required in some households. But , the filter will have an operational life proportional to the quality of the water supplied). The time is not guaranteed.
4. Open the Refrigerator door and make sure there are no water leaks coming from the water filter.

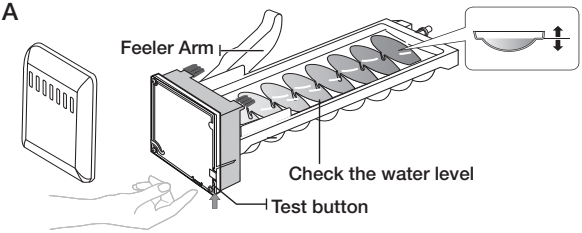


Be sure to flush the dispenser thoroughly, otherwise water may drip from the dispenser. This means that there is still air in the line.

Check the amount of water supplied to the ice tray. (Optional)

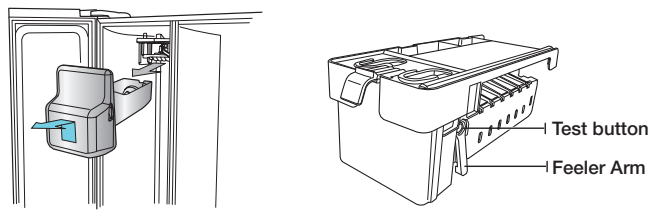
When you press the TEST button, the ice cube container is filled with water from the water supply tap. Check to make sure the amount of water is correct (see the illustration below).
If the water level is too low, the ice cubes will be small. This is a water pressure problem of the main water pipes, not the Refrigerator. If this problem occurs, contact the dealer or call center for help.

• **TYPE A**



1. Lift up the cover and pull the ice maker out of the freezer drawer.

• **TYPE B**



1. Lift up the icemaker bucket and gently pull out of the refrigerator.

CAUTION

- When you have not used the Ice maker for a while, or you have opened the Freezer door frequently, the Ice may stick together. If this has occurred, empty the ice container or break up the ice with a wood kitchen tool. Do not use sharp items such as knives or forks.
- Do not press the test button continuously when the tray is filled with ice or water as illustration below. Water may overflow or ice jamming may occur

SETTING UP THE REFRIGERATOR

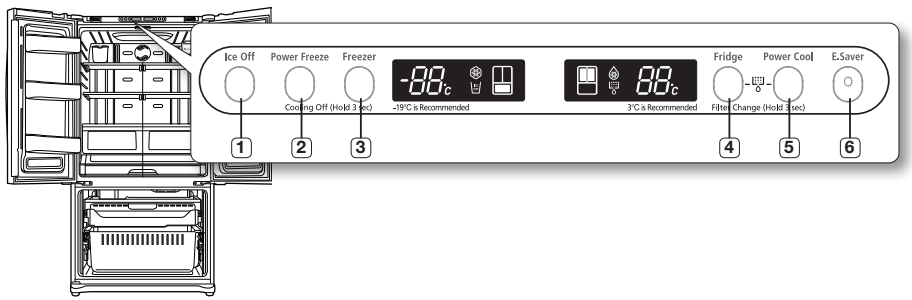
Now that you have your new Refrigerator installed in place, you are ready to set up and enjoy the features and functions of the appliance.
By completing the following steps, your Refrigerator should be fully operational. If not, first check the power supply and electricity source or try the troubleshooting section at the back of this user's guide. If you have any further questions, contact your Samsung Electronics call center.

1. Place the Refrigerator in an appropriate location with reasonable clearance between the wall and the Refrigerator. Refer to installation instructions in this manual.
2. Once the Refrigerator is plugged in, make sure the interior light comes on when you open the doors.
3. Set the Temperature control to the coldest temperature and wait for an hour. The Freezer will get slightly chilled and the motor will run smoothly.
4. After powering the Refrigerator, it will take a few hours to reach the appropriate temperature. You can store food and drinks in the Refrigerator after the temperature is sufficiently cool.

Setting up your French Door Refrigerator

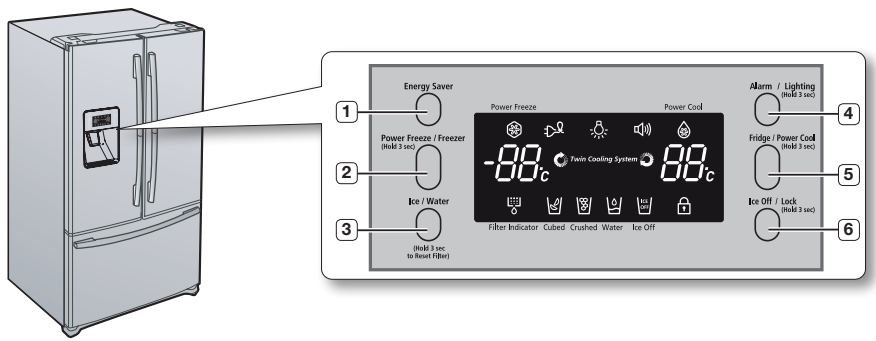
SETTING UP THE REFRIGERATOR

• TYPE A



(1) **Ice Off Button**	Press the **Ice off** button if you want to turn the ice-maker off.
(2) **Power Freeze Button**	Speeds up the time needed to freeze products in the Freezer. It can be helpful if you need to quickly freeze easily spoiled items or if the temperature in the Freezer ha s warmed dramatically (For example, if the door was left open).
(3) **Freezer Button**	Press the **Freezer** button to set the Freezer to your desired temperature. You can set the temperature between -14°C and -25°C(8°F and -14°F).
(4) **Fridge Button**	Press the **Fridge** button to set the fridge to your desired temperature. You can set temperature between 1°C and 7°C (34°F and 46°F) .
(5) **Power Cool Button**	Speeds up the time needed to cool products in the Refrigerator. It can be helpful if you need to quickly cool easily spoiled items or if the temperature in the fridge has warmed dramatically (For example, if the door was left open).
(6) **E. Saver Button**	For better energy efficiency, press **E.Saver** button but if condensation occurs on the doors, turn **E.Saver** function off.

• Type B

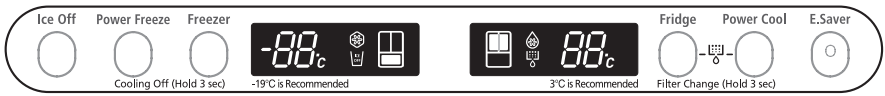


(1) Energy Saver Button	For better energy efficiency, press the Energy Saver button. If condensation occurs on the doors, turn the Energy Saver function off.
(2) Freezer / Power Freeze Button	Press the Freezer / Power Freeze button to set the Freezer to your desired temperature. You can set the temperature between -14°C and -25°C(8°F and -14°F). Press and hold the Freezer / Power Freeze Button for 3 seconds, to speed up the time needed to freeze products in the Freezer. It can be helpful if you need to quickly freeze easily spoiled items or if the temperature in the Freezer has warmed dramatically (For example, if the door was left open).
(3) Ice / Water Button	Press the Ice/Water button to select the ice or water function. You can select water or the types of ice(cube/crushed ice). After making a selection, press the dispenser lever.
(4) Alarm / Lighting Button	Press the Alarm/Lighting button to turn off the door open alarm. Initially the Alarm is set to on. If you press and hold the Alarm/Lighting button for 3 seconds, the Dispenser LED Lamp will stay on.
(5) Fridge / Power Cool Button	Press the Fridge / Power Cool button to set the fridge to your desired temperature. You can set the temperature between 1°C and 7°C (34°F and 46°F). Press and hold the Fridge / Power Cool button for 3 seconds, to speed up the time needed to cool products in the Refrigerator. It can be helpful if you need to quickly cool easily spoiled items or if the temperature in the fridge has warmed dramatically (For example, if the door was left open).
(6) Ice Off / Lock Button	Press the Ice Off / Lock button to turn the ice making function off. If you press and hold the Ice Off / Lock button for 3 seconds, the Display and Dispenser will be locked.

Operating the SAMSUNG French Door Refrigerator

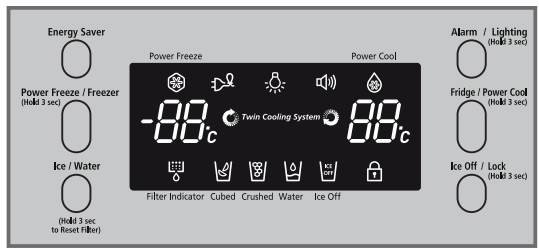
USING THE DIGITAL DISPLAY

- **Type A**



- **Type B**

"Freezer Temp" indicates the current Freezer temperature.
"Fridge Temp" indicates the current Refrigerator temperature.
When not in use the Display will turn off, this is normal.



Power Freeze

This icon will light up when you activate the "Power freeze" feature. "Power freeze" helps your foods freeze faster. Press the Power freeze botton and the temperature of Freezer compartment will decrease rapidly. Please remember when you use the Power freeze feature, energy will be consumed more relatively. If you don't need the Power freeze feature, then press the button again to cancel the "Power freeze" mode. After the lighting of "Power freeze" mode disappears, the temperature of freezer compartment will return to its original setting.

If you need to freeze large amount of food stuff, set the temperature of freezer compartment as the coldest temperature before you turn on the "Power freeze" mode.

Cubed Ice , Crushed Ice , Water

Enjoy cubed or crushed ice by selecting your preference from the digital control panel. If you don't need ice, turn the feature off to save on water and energy consumption. The Ice type light indicates the type of ice(or no ice) that is currently chosen.

Power Cool

This icon will light up when you activate the "Power Cool" button. For a quick fridge cool down, use "Power Cool".

Filter Indicator

When the filter indicator light is on, it is time to change the filter. Typically this happens about every 6 months.
The Filter Indicator will be Blue when you initially insert the water filter.
The Filter Indicator will be Light Pink when you have used your water filter for 5 months.
The Filter Indicator will be Red when you have used your water filter for 6 months.

After removing the old water filter and installing a new one (see page 30 for instructions on how to do this), reset the indicator by pressing and holding the “Ice/Water” button for 3 seconds. The indicator will light again in about 6 months to let you know it is time to change your water filter.

Energy Saver

This icon will light up when you activate the “Energy Saver” feature. Energy Saver function is set “ON” when you supply the power to the Refrigerator installing. If condensation occurs on the doors, turn the Energy Saver function off.

Lighting

This icon will light up when you activate the “Lighting” feature. In this case, the dispenser light(under the display) will be on constantly. If you would like the dispenser light to come on only when using the dispenser, turn the “Lighting” feature off.

Alarm

This icon will light up when you activate the “Alarm” feature. The door alarm will sound if any door is open for more than 3 minutes. The beeping stops when you close the door. Initially the Alarm is set to on.

Ice Off

This icon will light up when you activate the “Ice Off” feature. In this case, the ice will not be produced.

Lock

This icon will light up when you activate the “Lock” feature. In this case, you won’t to be able to use the control panel. If you press and hold the Ice Off / Lock button for 3 seconds, you will be able to use the control panel again.

Operating the SAMSUNG French Door Refrigerator

CONTROLLING THE TEMPERATURE

Basic Temperature of Freezer and Refrigerator Compartments

The basic temperature and/or recommended temperature of Freezer and Refrigerator Compartments are -19°C(-2°F)/3°C(38°F).
If the temperature of Freezer and Refrigerator Compartments are too high or low, adjust the temperature manually.

Controlling the Freezer temperature

The Freezer temperature can be set between -14°C(8°F) and -25°C(-14°F) to suit your particular needs. Press the Freezer button repeatedly until the desired temperature is shown in the temperature display. Keep in mind that foods like ice cream may melt at -16°C(4°F).
The temperature display will move sequentially from -14°C(8°F) and -25°C(-14°F). When the display reaches -14°C(8°F), it will begin again at -25°C(-14°F).
Five seconds after the new temperature is set, the display will again show the actual current freezer temperature. However, this value will be changed to the new temperature.

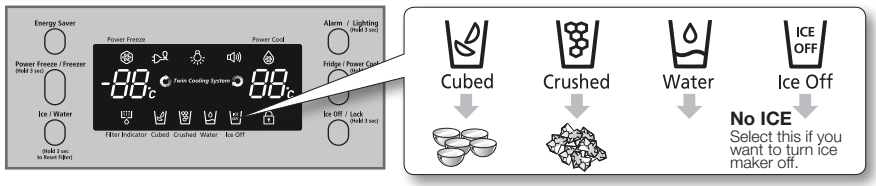
Controlling the Refrigerator temperature

The Refrigerator temperature can be set between 7°C(46°F) and 1°C(34°F) as your particular needs. Press the Fridge button repeatedly until the desired temperature is shown in the temperature display. The temperature control process for the Fridge works just like the Freezer process.
Press the Fridge button to set your desired temperature. After a few seconds, the Fridge will begin adjusting towards the newly set temperature. This will be reflected in the digital display.

The temperature of the Freezer or the Refrigerator may rise when you open the doors too frequently, or if a large amount of warm or hot food is placed in either side.
This may cause the digital display to blink. Once the Freezer and Refrigerator temperature return to their normal set temperatures, the blinking will stop.
If the blinking continues, you may need to “reset” the Refrigerator. Try unplugging the appliance, wait for around 10 minutes and then plug the power cord back in.

USING THE ICE AND COLD WATER DISPENSER (OPTIONAL)

Press the Ice / Water button to select the type of you want

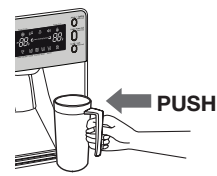


Using the Ice Dispenser

Place a cup underneath the ice dispenser and push gently against the dispenser lever with your cup. Make sure the cup is in line with the dispenser to prevent the ice from bouncing out.

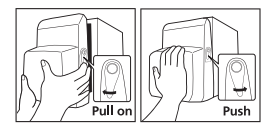
CAUTION

If the Freezer door is left open for a long time, condensation may form or the ice inside the Ice-Maker may clump. Please close the door as soon as possible. The Ice Dispenser may eject a few ice cubes if there is not enough
ice in the Ice-Maker. Use the Ice Dispenser when there is enough ice.
If the Freezer door is open for a long time or a lot of ice is dispensed at once, condensation may trickle down the Dispenser lever.



Using the Ice Off Function

When selecting the Ice Off mode, remove all ice cubes from the bucket. If you are not using the ice dispenser the ice cubes may clump together. Pull the lock lever forward to throw away ice cubes or remove clumped ice from the bucket. Push the bucket back until you hear a click.



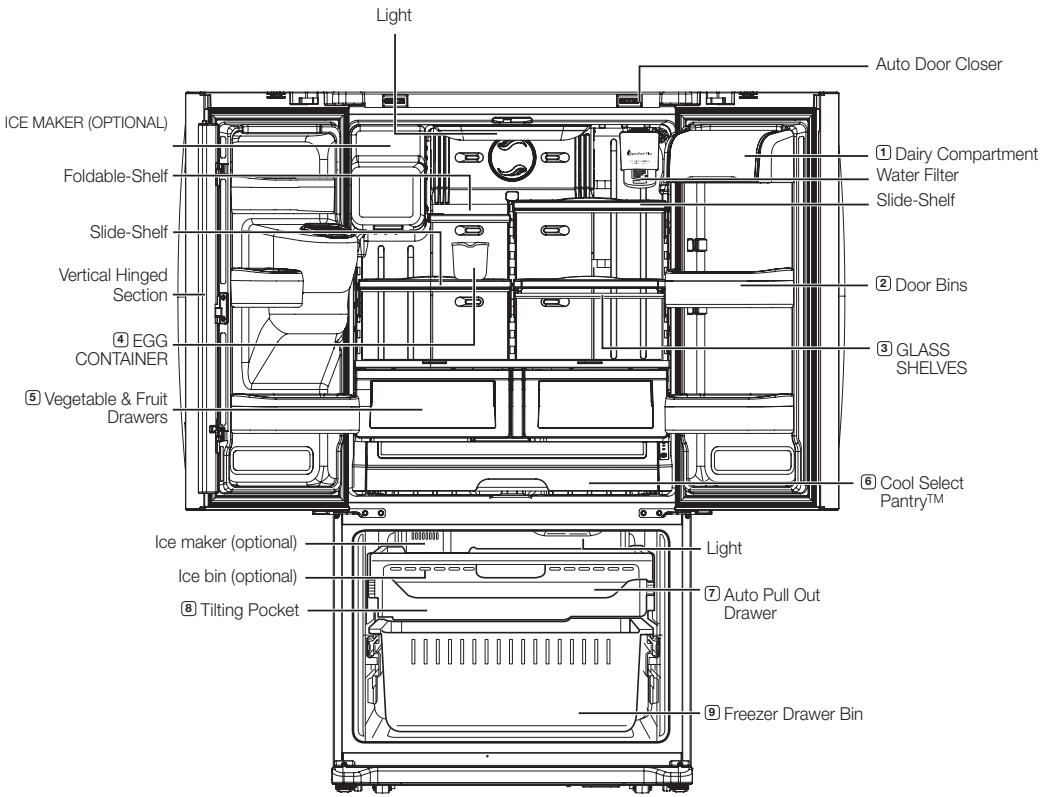
CAUTION

If you have a long vacation or business trip, close the water valve and shut off the water supply to the Refrigerator. This will help prevent accidental leakages. Do not put your fingers, hands or any other unsuitable objects in the chute or ice-maker bucket.
- It may result in personal injury or material damage.
Never put your finger or any other objects in the dispenser opening.
- It may cause injury.
Do not disassemble the Ice Maker personally. It may cause disorder.
Do not wash or spray with water the ice bucket.
Just wipe it with a dry cloth. In order to operate the ice maker properly, water pressure of 138~862 Kpa is required.

The water tank's capacity is approximately 1.26 *l* (liter).
For the water dispenser, please use a cup under 110mm in diameter.
Please wait 1 second before removing the cup after dispensing water to prevent spills. Do not pull out the lever dispenser after taking out ice or water. It comes back automatically. Ice is made in cubes. When you select "Crushed", the icemaker grinds the ice cubes into crushed ice.

Operating the SAMSUNG French Door Refrigerator

STORING FOOD



When closing the door, make sure the Vertical Hinged Section is in the correct position to avoid scratching the other door.
If the Vertical Hinged Section is reversed, put it back to the right position and close the door.
Moisture may occur at times on the Vertical Hinged Section.
The door handle may become loose over time.
If this happens, tighten the bolts found on the inside of the door.
If you close one door with a lot of force, the other door may open.

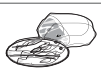
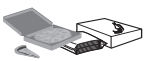
STORING FOOD IN REFRIGERATOR

The Samsung French Door Refrigerator has been designed to provide you with maximum space saving features and functions. Here are some of the customized compartments we have created to keep your food fresher longer. In order to further prevent odor from seeping into the ice compartment, stored food should be wrapped securely and as airtight as possible.

(1) **DAIRY COMPARTMENT**	Can be used to store small dairy items like butter or margarine, yogurt or cream cheese bricks	
(2) **DOOR BINS**	Designed to handle large, bulky items such as gallons of milk or other large bottles and containers.	
(3) **GLASS SHELVES**	Designed to be crack-resistant, the shelves can be used to store all types of food and drinks. Circular marks on the glass surface are a normal phenomenon and can usually be wiped clean with a damp cloth.	
(4) **EGG CONTAINER**	Best place to keep eggs. Place the container on the shelf for easy access.	
(5) **VEGETABLE & FRUIT DRAWERS**	Used to preserve the freshness of your stored vegetables and fruits. This drawer has been specifically designed to control the level of humidity within the compartment. Keep vegetables and fruits separate if possible.	
(6) **COOL SELECT PANTRY™**	Can be used for large party trays, deli items, pizza, beverages or miscellaneous items.	

Do not place any large articles of food under the lamp in the Refrigerator. An air sensor is located near the lamp and if the sensor is blocked, your Refrigerator may become too cold. Please place Vegetable and Fruits in the Vegetable and Fruits drawers to avoid freezing them. If the foods in your Refrigerator become frozen, please see the temperature higher.

STORING FOOD IN THE FREEZER DRAWER

(7) **AUTO PULL OUT DRAWER**	Best use to store meats or dry foods. Stored food should be wrapped securely using foil, other suitable wrapping materials, or containers.	
(8) **TILTING POCKET**	Can be used for small packages of frozen food. You can also store a 16”(406mm) pizza.	
(9) **FREEZER DRAWER BIN**	Can be used to store meat and dry foods. Stored food should be wrapped securely using foil or other suitable wrapping materials, or containers.	

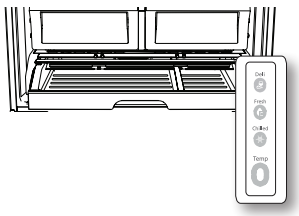
Bottles should be stored tightly together so that they do not tip and fall out when the Refrigerator door is opened.

If you plan to go away for a long time, empty the Refrigerator and turn it off. Wipe the excess moisture from the inside of the appliance and leave the doors open. This helps keep odor and mold from developing.

Operating the SAMSUNG French Door Refrigerator

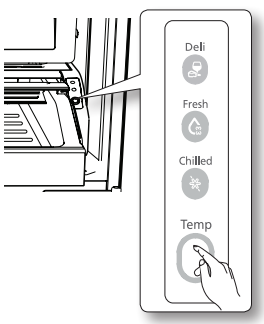
USING THE COOL SELECT PANTRY™

The Cool Select Pantry™ is a full-width drawer with adjustable temperature control. This pantry can be used for large party trays, deli items, pizza, beverages or miscellaneous items. There is a temperature control which can adjust the amount of cold air allowed into the pantry.
The control is located on the right side of the pantry.



Selection button (Optional)

1. When “Deli” is selected, the temperature of the pantry can be kept around 5°C(41°F). This feature helps keep food fresh for a long time. Pantry temperature can be maintained under recommended temperature setting (Freezer:-19°C(-2°F), Fridge:3°C(38°F))
2. When “Fresh” is selected, the temperature of the pantry can be kept around 3°C(38°F). This feature helps keep food fresh for a longer time. Pantry temperature can be maintained under recommended temperature setting (Freezer:-19°C(-2°F), Fridge:3°C(38°F))
3. When “Chilled” is selected, the temperature of the pantry can be kept around 1°C(34°F). This feature also helps keep meat or fish fresh for a longer time. Pantry temperature can be maintained under recommended temperature setting (Freezer:-19°C(-2°F), Fridge:3°C(38°F))



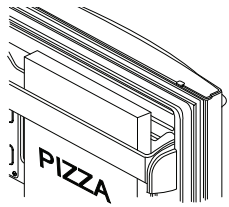
Deli	Fresh	Chilled
• Pineapple	• cucumbers	• steaks
• lemon	• apples	• hard cheeses
• avocado	• oranges	• cold cuts
• potato	• grapes	• bacon
	• zucchinis	• hot dogs
	• corn	

Fruits and vegetables may be damaged when the “chilled” mode is set.
Do not store lettuce or other leafy produce in this pantry.

CAUTION Do not store glass bottles in this pantry. If they are frozen, they can break and cause personal injury.

USING THE TILTING POCKET

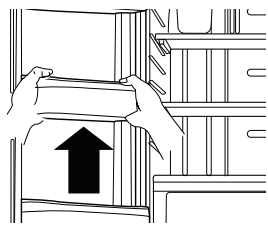
The Tilting Pocket can be used to store up to a 16”(406mm) pizza if you place it shown in the illustration.



REMOVING THE REFRIGERATOR ACCESSORIES

1. Door bins & Dairy Compartment

To remove - Simply Lift the bin up and pull straight out.
To relocate - Slide it in above the desired location and push down until it stops.

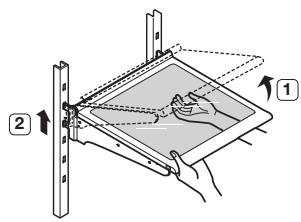


CAUTION Injury may occur if the door bins are not firmly assembled. Do not allow children to play with bins. Sharp corners of the bins may cause injury.

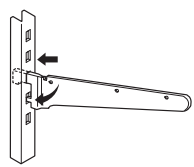
Do not adjust a bin full of food.

2. Tempered Glass Shelves

To remove - Tilt up the front of the shelf in the direction of (1)) and lift it up in the direction of (2). Pull the shelf out.
To relocate - Tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height. Then lower the front of the shelf so that the hooks can drop into the slots.



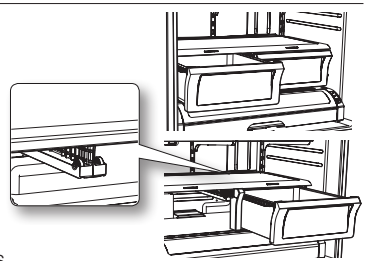
CAUTION The Tempered Glass shelves are heavy. Use special care when removing them.



Remove the shelves from the shipping position and replace shelves in the position you want.

3. Vegetable & Fruit Drawers

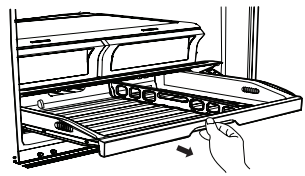
To remove - Pull the drawer out to full extension. Tilt up the front of drawer and pull straight out.
To relocate - Insert the drawer into the frame rails and push back into place.



CAUTION The glass shelf over the drawer is not firmly secured. Be careful when lifting. Do not open the drawer when the pantry is opened. It may cause scratch or breakage to it’s cover.

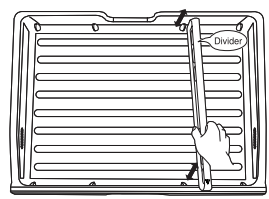
Operating the SAMSUNG French Door Refrigerator

4. Cool Select Pantry™



To remove the pantry - Pull the pantry out to full extension. Tilt up the front side of pantry and pull straight out.

To relocate the pantry - Push the rails to the back of the Refrigerator. Place the drawer onto the rails and slide the pantry back until it is in place.



To remove the divider - Pull the pantry completely out to full extension and raise the front side of the divider to unhook it from the rear wall of the pantry, then lift pantry out.

To relocate the divider - Hook the back of the divider over the rear wall of the pantry and push the divider down.

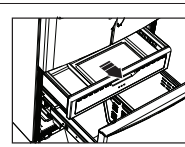
REMOVING THE FREEZER ACCESSORIES

1. Tilting Pocket

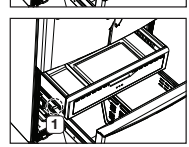
To remove - Pull the brackets upward until you hear a clicking sound and remove the pocket

To relocate - Hook the ends of the pocket into both brackets and push down until it locks into place.

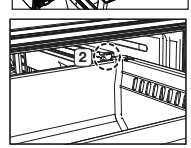
2. Auto Pull out Drawer



To remove - Pull the drawer out to full extension. Tilt up rear of drawer and lift straight out.



To relocate - Place the drawer onto the rails by tilting it up. Lower the drawer into place until it is horizontal and slide the drawer in.



WARNING Please do not lose the side knobs during disassembly as they may present a choking hazard to children.

3. Freezer Drawer bin

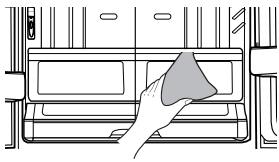
To remove the drawer - Pull drawer out to full extension.
Tilt up the rear of the bin and lift it out to remove.
To relocate the drawer - Place the bin into the rail assembly.
To remove the divider - Pull the divider straight up.
To relocate the divider - Hook the top corners of divider over the hole of the bin.

CLEANING THE REFRIGERATOR

Caring for your Samsung French Door Refrigerator prolongs the life of your appliance and helps keep it odor and germ-free.

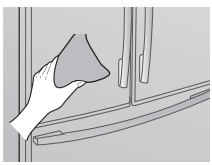
Cleaning the Interior

Clean the inside walls and accessories with a mild detergent and then wipe dry with a soft cloth. You can remove the drawers and shelves for a more thorough cleaning. Just make sure to dry drawers and shelves before putting them back into place.

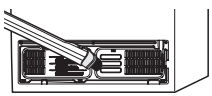


Cleaning the Exterior

Wipe the digital panel and display panel with a clean, soft cloth. Spray water onto the cleaning cloth instead of spraying directly on the surface of the Refrigerator. It helps ensure an even distribution of moisture to the surface. The doors, handles and cabinet surfaces should be cleaned with a mild detergent and then wiped dry with a soft cloth. To keep your appliance looking its best, the exterior should be polished once or twice a year.



CAUTION Do not use Benzene, Thinner or Clorox for cleaning. They may damage the surface of the appliance and may cause fire.



Cleaning the Ice/Water Dispenser (Optional)

Push down one end of the tray dispenser and remove it. Use a damp cloth to clean the ice and water dispenser,then wipe dry with a clean,soft cloth.

Cleaning the Rubber door seals

If the rubber door seals are dirty, the doors may not close properly, and the Refrigerator will not operate efficiently. Keep the door seals free of grit or grime by cleaning the doors with a mild detergent and damp cloth. Wipe dry with a clean, soft cloth.

CAUTION Do not spray the Refrigerator with water while it is plugged in, as it may cause an electric shock.
Do not clean the Refrigerator with benzene, thinner or car detergent due to risk of fire.

Operating the SAMSUNG French Door Refrigerator

Cleaning behind the Refrigerator

To keep cords and exposed parts free of dust and dirt accumulation, vacuum behind the appliance once or twice a year.

CAUTION Do not remove the back cover. Doing so may cause an electric shock.

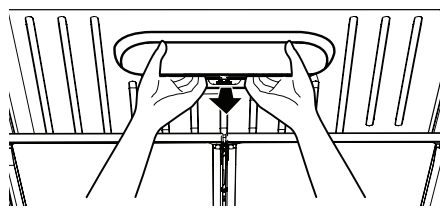
Replacing the interior light (Only available on some models)

CAUTION Before changing any of interior light, unplug the Refrigerator from the power supply. If you are unsure about changing the lights after reading through these directions, contact your call center for help.

Replacement bulbs for both freezer and fridge are available from your local home improvement or electronics store. Use replacement bulbs size E27 maximum 60 Watts for the Fridge compartment and size E27 maximum 40 Watts for the Freezer compartment.

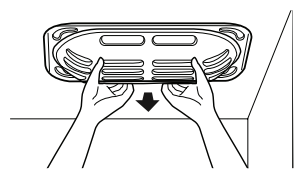
Changing the Interior light in the Refrigerator

1. Unplug the power cord from the outlet.
2. Pull the shield down while pushing it backwards to remove it.
3. Turn the bulb counterclockwise.
4. Assembly is the reverse order of disassembly.



Changing the Interior lights in the Freezer Drawer

1. Unplug the power cord from the outlet.
2. Pull drawer out to full extension.
3. Pull the shield down while pushing it backwards to remove it.
4. Turn the bulb counterclockwise.
5. Assembly is the reverse order of disassembly.



CAUTION Do not place your fingers inside the cover. The lamp may be hot.

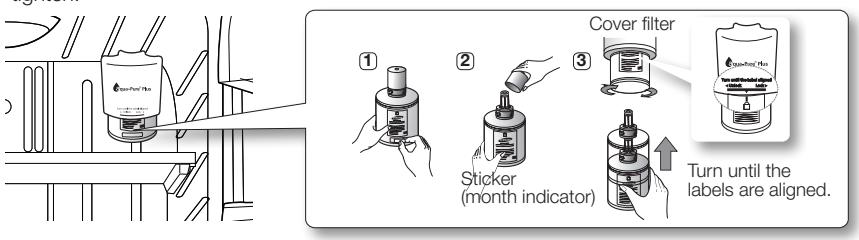
For LED lamp, please contact service engineer to replace it.

CHANGING THE WATER FILTER

WARNING To reduce risk of water damage to your property DO NOT use generic brands of water filters in your SAMSUNG Refrigerator. USE ONLY SAMSUNG BRAND WATER FILTERS. SAMSUNG will not be legally responsible for any damage, including, but not limited to property damage caused by water leakage from use of a generic water filter. SAMSUNG Refrigerators are designed to work ONLY WITH SAMSUNG WATER Filter.

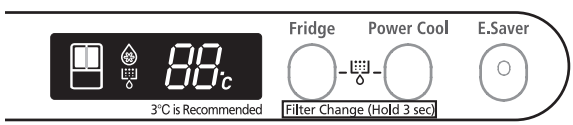
The “Filter Indicator” light lets you know when it is time to change your water filter cartridge. To give you preparation time to get a new filter, the red light will come on just before the capacity of the current filter runs out. Changing the filter on time provides you with the freshest, cleanest water from your fridge.

1. Remove the water filter from the box and put a month indicator sticker on the filter as shown. Place a sticker on the filter that dates six months in the future. For example, if you are replacing the water filter in March, put the “SEP” (September) sticker on the filter to remind you to replace in September. Normal filter life is about every 6 months.
2. Remove the new filter’s protective cap and remove the old filter.
3. Position and insert the new filter into the filter housing. Slowly turn the water filter clockwise to align with the printing mark on the cover, locking the filter in position. Make sure to align the water filter label mark with the center of cover filter printing as illustrated. Remember, do not over-tighten.



4-1. Once you have completed this process, press and hold the Ice / Water button for 3 seconds to reset the filter schedule. (Optional)

4-2. Once you have completed this process, hold the Fridge + Power Cool button simultaneously for 3 seconds to reset the filter schedule. (Optional)



5. Lastly, run about 3L through water dispenser and throw away. Make sure that water flows clearly again before drinking.

Be sure to flush the dispenser thoroughly otherwise water may drip from the dispenser. This means that there is still air in the line.
Do NOT use the water or ice dispenser without a water filter cartridge because the water line may become blocked.

Ordering replacement filters

To order more water filter cartridges, contact your authorized Samsung dealer.

Troubleshooting

PROBLEM	SOLUTION
The Refrigerator does not work at all or it does not chill sufficiently.	• Check that the power plug is properly connected. • Is the temperature control on the display panel set to the correct temperature? Try setting it to a lower temperature. • Is the Refrigerator in direct sunlight or located near a heat source? • Is the back of the Refrigerator too close to the wall and therefore keeping air from circulating?
The food in the Refrigerator is frozen.	• Is the temperature control on the display set to the correct temperature? Try setting it to a warmer temperature. • Is the temperature in the room too low? • Did you store the food with high water content in the coldest part of the Refrigerator? Try moving those items into the body of the Refrigerator instead of keeping them in the Cool Select Pantry™.
You hear unusual noise or sounds.	• Check that the Refrigerator is level and stable. • Is the back of the Refrigerator too close to the wall and therefore keeping air from circulating? • Was anything dropped behind or under the Refrigerator? • A “ticking” sound is heard from inside the Refrigerator. It is normal and occurs because various accessories are contracting or expanding according to the temperature of the Refrigerator interior.
The front corners and vertical hinged section of the appliance are hot and condensation is occurring.	• Some heat is normal as anti-condensators are installed in the vertical hinged section of the Refrigerator to prevent condensation. • Is the Refrigerator door ajar? Condensation can occur when you leave the door open for a long time.
Ice is not dispensing.	• Did you wait for 12 hours after installation of the water supply line before making ice? • Is the water line connected and the shut-off valve opened? • Did you manually stop the ice making function? • Is the Freezer temperature too warm? Try setting the Freezer temperature lower.
You can hear water bubbling in the Refrigerator.	• This is normal. The bubbling comes from the refregerant circulating throughout the tubing within the refrigerator.
There is a bad smell in the Refrigerator.	• Check for spoiled food. • Foods with strong odors(for example, fish) should be tightly covered. • Clean out your Freezer periodically and throw away any spoiled or suspicious food.
Frost forms on the walls of the Freezer.	• Is the air vent blocked? Remove any obstructions so air can circulate freely. • Allow sufficient space between the foods stored for efficient air circulation. • Is the Freezer drawer closed properly?
Water dispenser is not functioning.	• Is the water line connected and the shut-off valve opened? • Has the water supply line tubing been crushed or kinked? Make sure the tubing is free and clear of any obstruction. • Is the water tank frozen because the Refrigerator temperature is too low? Try selecting a warmer setting on the main display panel.

Memo

Memo

Memo

Ambient Room Temperature Limits

This fridge/freezer is designed to operate in ambient temperatures specified by its temperature class marked on the rating plate.

Class	Symbol	Ambient Temperature range(°C)
Extended Temperate	SN	+10 to +32
Temperate	N	+16 to +32
Subtropical	ST	+16 to +38
Tropical	T	+16 to +43

NOTE: Internal temperatures may be affected by such factors as the location of the fridge/freezer, ambient temperature and the frequency with which you open the door. Adjust the temperature as required to compensate for these factors.

SAMSUNG

In an effort to promote recycling this user manual is printed on recycled paper.